

FIGURE 1

AGGCCGTGCC	TATCCAGAAA	GTCCAGGATG	ACACCAAAAC	CCTCATCAAG	ACAATTGTCA
V P	I Q K	V Q D	D T K T	L I K	T I V
CCAGGATCAA	TGACATCTCA	CACACGCAGT	CCGTCTCCTC	CAAACAGAGG	GTCACTGGTT
T R I N	D I S	H T Q	S V S S	K Q R	V T G
TGGACTTCAT	CCCTGGGCTC	CACCCTCTCC	TGAGTTTGTC	CAAGATGGAC	CAGACATTGG
L D F I	P G L	H P L	L S L S	K M D	Q T L
CGATCTACCA	ACAGATCCTC	ACCAGTCTGC	CTTCCAGAAA	TGTGGTCCAA	ATATCCAATG
A I Y Q	Q I L	T S L	P S R N	V V Q	I S N
ACCTGGAGAA	CCTCCGGGAC	CTTCTCCACC	TGCTGGCCGC	CTCCAAGAGC	TGCCCCTTGC
D L E N	L R D	L L H	L L A A	S K S	C P L
CGCAGGTCAG	GGCCCTGGAG	AGCTTGGAGA	GCTTGGGTGT	CGTCCTGGAA	GCCTCCCTCT
P Q V R	A L E	S L E	S L G V	V L E	A S L
ACTCCACCGA	GGTGGTGGCC	CTGAGCCGGC	TGCAGGGGTC	ACTACAGGAC	ATGTTGCGGC
Y S E E	V V A	L S R	L Q G S	L Q D	M L R
AGCTGGACCT	CAGCCCTGAA	TGCAGCGCT			
Q L D L	S P E	C			

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Query = bovine leptin cDNA
Sbjct = human leptin cDNA

Query = bovine leptin cDNA
Sbjct = human leptin cDNA

[illegible]

Query = bovine leptin cDNA
Sbjct = murine leptin cDNA

FIGURE 3B

			10	20	30	39
Clcon1			VPIQKVQDDTKTLIKTIVTRINDISHTQSVSSKQRTGL			
Ob_Mou	MCWRPLCRFLWLWSYLSYVQAVPIQKVQDDTKTLIKTIVTRINDISHTQSVSAKQRTGL					
	10	20	30	40	50	60
	40	50	60	70	80	90
Clcon1	DFIPGLHPLL	SLSKMDQTLAIYQQILTSLPSRNVVQISNDLENLRDLLHLLAASKSCPLP				
Ob_Mou	DFIPGLHPIL	SLSKMDQTLAVYQQVLTSLPSQNVLQIANDLENLRDLLHLLAFSKSCSLP				
	70	80	90	100	110	120
	100	110	120	130	140	
Clcon1	QVRALESLESLGVVLEASLYSTEVALSRLQGS	LQDMLRQLDLSPEC				
Ob_Mou	QTSGLQKPESLDGVLEASLYSTEVALSRLQGS	LQDILQQLDVSPEC				
	130	140	150	160		

Clcon1 = predicted bovine leptin amino acid sequence
Ob Mou = murine leptin amino acid sequence

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FIGURE 4

1 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 30

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FIGURE 5A

Query: 1 VPIQKVQDDTKTЛИKTIVTRINDISHTQSV 30

Sbjct: 22 VPIQKVQDDTKTЛИKTIVTRINDISHTQSV 51

Query = actual bovine leptin amino acid sequence

Sbjct = human leptin amino acid sequence

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FIGURE 5B

Query: 1 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 30

Sbjct: 22 VPIQKVQDDTKTLIKTIVTRINDISHTQSV 51

Query = actual bovine leptin amino acid sequence
Sbjct = murine leptin amino acid sequence

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